

Regular Board of Directors Meeting  
Monday, June 12, 2017 6:00 PM  
Lower Platte North NRD Office  
P.O. Box 126  
Wahoo, NE 68066

1. Call to Order

**NOTE: The agenda is on file at the LPNNRD office and may be changed up to 24 hours prior to the meeting as scheduled.**

1.A. Meeting Notice

1.B. Inform Public on Location of Copy of "Open Meeting Act"

1.C. Pledge of Allegiance

2. Roll Call

2.A. Introductions

3. Approval of Agenda

4. Comments - Advisors/Guests

4.A. Guest Comments

4.B. NRCS Report

4.C. NARD Report

4.D. NRC Report

4.E. Managers Report

4.F. Education Program

5. Approval of Minutes

6. Report of Standing Committees

6.A. Executive Committee - Action as Required

6.A.1. UNFINISHED BUSINESS

6.A.1.a. Off-Site Water Table Concerns Near Sand Creek

See update below from Lausterer dated 5-17-17.

Guys,

Just a heads up that Mike Murren called into the office a short while ago. He was questioning if the District has decided if it would agree to tiling work on his dad's farm in lieu of the parties having to litigate the dispute. I expressed to him that the committee did not feel enough evidence has been presented to prove causation and/or that he has been damaged. He indicated that he would likely be submitting a formal claim against the District in the near future and that he would begin his search for an engineering firm to look into the matter. If the claim does come in then please put it on the agenda for the June committee/board meetings. Thank you.

Jovan W. Lausterer

#### 6.A.2. MEETINGS

6.A.2.a. Pending

6.A.2.b. Reports

6.A.2.b.1. GMDA Summer Meeting Report

A Report from Andersen on the GMDA Summer Meeting is attached

#### 6.A.3. MANAGEMENT ITEMS

6.A.3.a. Directors Absence

Attached find absence request from the May Board Meeting for Bailey, McDermott, Meduna, Saalfeld and Sobota.

6.A.3.b. Monthly Education Program

Matt Moser a biologist with USGS was scheduled to give us an update on stream gages, however our June meeting is not going to work for him.

Other programs suggested in the past include:

Groundwater Foundation

Nebraska Land Trust

Tiling

How bills.com works

Fisheries Biologist

The Executive Committee asked that we try to find someone to speak on tiling that would have a neutral perspective such as NRCS or UNL Extension.

6.A.3.c. FY18 Medical and Dental Rates

Attached find a memo from Dean Edson concerning rate changes for NARD medical and dental coverages. In FY18 there will be a 5% increase for Medical and 2.9% increase for dental coverages. The attachment shows the cost for each coverage option.

The NARD Intergovernmental Risk Management Pool Association board will act on this proposal at their June 12 meeting.

#### 6.A.3.d. Motion to Reconsider a Vote

At the Lake Level Work Group meeting on May 31 a recommendation to reconsider the motion that failed (on a tie vote) was made. Lausterer's comments are;  
The policy and procedures we passed several months ago don't expressly speak to the issue of reconsideration. Provided, however, the policy does say that for a motion to be considered (or reconsidered) the item must be listed on the agenda. As such, if a matter doesn't get through committee then it therefore wouldn't end up on the agenda and can't be voted on for reconsideration. This is similar to how the legislature operates in the sense that something must make it out of committee before it can be addressed by the full board.

As such, I think it would be appropriate to add a column to the policy addressing this issue. Attached is a draft for consideration by the committee. The idea here would be that a board member or member of the public would first ask the committee or chair to place the item on the agenda. Provided that one of them agrees to do so then you would need a motion and second to reconsider the measure and a simple majority vote at the board meeting. Assuming you received a simple majority vote to reconsider then anyone could present a motion and second on the underlying measure to be voted on again by the board. They would of course be free to modify the original motion, table discussions, amend the motion, etc. as is true in the normal course of procedure.  
Director Hannah suggested that a 60% vote be required for a previous action to be "Reconsidered".

#### 6.A.3.e. Water Strategies

The May report has not yet been received.

#### 6.A.4. EQUIPMENT

#### 6.A.5. PERSONNEL

The Personnel Sub-Committee met on May 24, with a copy of the minutes attached. Key items and recommendations from the sub-committee are listed in the below sections.

##### 6.A.5.a. Overview of Current Personnel

###### **a. New Employee Daryl Andersen**

Miyoshi reported that he is very pleased with the performance of Water Manager Daryl Anderson who began work on February 27. Daryl has quickly moved into the leader position for the water department and is proving to be a wealth of knowledge. Any salary adjustments would not be effective until the pay period that ends September 1, 2017.

###### **b. New Water Resources Technician**

Resumes are due on May 31 for the new Water Technician position that is to begin July 1. Staff plan to have a selection ready for board approval at our June 12 Board Meeting.

13 Resumes were received for the Water Tech position with five being interviewed. Miyoshi, Anderson and Mountford are recommending that we hire Will Brueggemann who was a summer intern for us in 2016.

**c. Project/ O&M Assistance**

Miyoshi and Mountford reminded the committee of their concerns that additional employee time is needed for the projects department. Since elimination of the Large Projects Coordinator position Heimann, Mountford and Miyoshi have split the responsibilities that is leading to some items not getting accomplished. It is suggested to delay any decisions until a new General Manager is hired to reevaluate these needs.

6.A.5.b. Salary Ranges for FY18

**a. State Salary Survey Results**

Breunig has prepared results from the Nebraska State Salary Survey that was reviewed.

**b. Concern on Manager/Assistant Manager Range**

One area of concern on the current survey is the drop in the General Managers mid-point of 13 percent. This change also effects the Assistant Manager position whose midpoint is 85% of the GM midpoint.

**c. Water Resources Technician Job Code**

A Job Code is needed for the new Water Resources Technician. Upon review a very good match was found at Job Code 17.3025

6.A.5.c. Performance Appraisals

**a. List of performance appraisal rankings**

The committee reviewed performance appraisals and rankings for all employees with discussion on staff performance.

**b. List of previous three rankings**

The Committee reviewed the three previous performance appraisals for all employees to assist with determining employees that would receive step advances this year. Employees who have received a step increase in the past two years are not eligible for one this year as well as those with less than three performance appraisals.

**c. Improvement Needed**

Miyoshi reviewed employees with areas of needed improvement.

6.A.5.d. Consumer Price Index

**a. Bureau of Labor CPI**

The Bureau of Labor has the Consumer Price Index at 2.2% for the past 12 months as attached.

6.A.5.e. FY18 Salary Adjustment

6.A.6. FINANCE

6.A.6.a. Selection of Annual Auditing Firm

Request for Proposals were opened on May 25 with five submissions. Copies of all proposals were sent to Executive Committee members for their review and any

comments. Breunig, Miyoshi and Love reviewed the proposals and selected what they felt were the three top firms who will give presentations to the Executive Committee today. Gabriel Burger & Else was eliminated due to a substandard peer review report and Bland and Associates' fees were considerably higher than the other firms.

Attached find a summary of the three firms we will be receiving oral presentations from along with a copy of the original RFP.

Presentation Times:

10:30 HSMC, Omaha

10:50 Almquist, Maltzahn Galloway & Luth, Grand Island

11:10 Hayes and Associates, Omaha

#### 6.A.6.b. Approval of Financial Reports

Cindy Love was present to review our March and April Financials. We are now current and up to date on our monthly financials.

Love noted a few items that are still out of balance and will work with staff to see that they are resolved.

#### 6.A.6.c. HBE Payment

Attached find an accounting invoice from HBE for December (one-half mo.), January and February in the amount of \$15,900.

#### 6.A.6.d. Approval of Managers Time and Expense Sheets

#### 6.A.6.e. Accounts over 90 Days

The accounts receivable as of 4-30-17 are attached.

### 6.B. Education, Operations & Rural Water Systems Committee - Action as Required

#### 6.B.1. UNFINISHED BUSINESS

#### 6.B.2. WILD NE/CREP REPORT

CREP payment of \$77.08 for Larry Bruhn, Colfax County. This is the final payment. The O & M staff re-seeded the Homestead grasslands as part of a Wild NE grant through Game & Parks. The seed bill was \$6,875 and the grant will cover 75% or \$5,156.25.

#### 6.B.3. OPERATION & MAINTENANCE & OTHER ITEMS

The O & M crew finished tree planting and are now going over our watershed dams. The summer interns, Travis Turgeon, Bryce Wright and Ross Kirby have started for the summer. The new truck arrived and we sold the 2002 Chevy for \$5,000.

#### 6.B.3.a. Lake Wanahoo Lake Level

The Lake Level Committee met at 7:30 a.m. before the O, E & RW Committee. Previous months minutes are attached.

A recommendation by Morrissey, seconded by McDermott to reconsider the previous May 8th Board vote on approving the FYRA Lake Level Management Plan because the vote was tie (7-7) and the absence of five board members. Motion passed.

NRD Staff are managing the gates in trying to keep the lake level 1 foot lower than conservation pool which is 1210.

#### 6.B.3.b. Lake Wanahoo SRA

Game & Parks has a new Regional Superintendent, Bill Oligmueller, he'll oversee 5 recreation areas in the area. The new Wanahoo Superintendent will start June 2nd, we are unsure about any other part-time help. We have not been updated as to whether a camp site host couple has applied or been interviewed for selection. We are attempting to set a meeting date in early June with Game & Parks Administration to review the Wanahoo SRA Inter-local agreement.

Find attached the current revenue sheet from G & P. Current revenue thru May 28 is \$25,095.50. Last year during this same time frame revenue was \$28,184.43, a difference of \$3,088.93.

We are making the final payment of \$12,756.95 to Ulemann Enterprises Inc. for the dump station. The area was seeded by NRD staff.

We received \$13,475 through a grant from DEQ for the use of crumb rubber on the playgrounds, this is 50% of the cost for the rubber mulch.

#### 6.B.3.c. Wanahoo & Czechland Haying

We are scheduled to hay portions of Wanahoo and half of the Czechland grassland. The areas on Wanahoo are CS 3, CS 7, CS 8, CS 16, CR 1, CR 2, and CR 3. (see attached map). Need a motion to advertise for the haying of both sights.

#### 6.B.3.d. Fremont GI

A meeting was held on Thursday, May 18th in Fremont with the COE and Non-Federal Partners. The tentative plan is to finalize the current study and package it up for potential use in the future. Currently, the levee study/plan is not cost effective. In addition, do a non-structural plan at a cost of \$550,000. This price tag could vary in some regard based on how much community interest there would be in non-structural flood proofing. Attached is a map where the Corps would target non-structural work. They would target the yellow areas with the green and blue structures for flood proofing not that they would ignore the red and black dots, those structure would be welcome to do flood proofing also, it's just that they have a very low cost/benefit ratio.

Before we jump into this non-structural study there will be a non-quorum meeting between our non-federal partners to discuss A) public informational meeting B) cost and who's paying what C) cost to home or business owner, federal covers 65%, 35% is home or business owner, what portion of this 35% does the non-federal partners cover?

The Omaha Corps office can communicate to the NW Headquarters that we need funding for this purpose and if community interest is low we can always back peddle.

JEO is also proposing a non-structural study for the City of Fremont through Hazard Mitigation in which FEMA would cover 75%. JEO's estimate for non-federal partners in

the study is \$50,000. JEO is trying to organize a meeting with Fremont either June 1 or 6th. Before the City of Fremont chooses either the COE or JEO they need to gauge the interest of the community. Attached is a power point presentation by JEO.

#### 6.B.3.e. Rawhide Land Partnership Paul Gifford Box Culvert

In a letter from Paul Gifford's attorney (attached) he has acknowledged that the box culvert placement that he wants is not in the southwest quarter but rather in the northwest quarter. The agreement states a legal description in the southwest quarter. Gifford will plan to meet with the City of Fremont and we will hear later what the decision is if there is one.

#### 6.B.3.f. Rawhide Ditch 10 Homeowners

Fremont City Code Enforcement has notified the homeowners on Ditch 10 to obtain the appropriate permits to move their sheds. Neither of the larger sheds were ever permitted. Jovan also sent a letter on behalf of the District requiring the homeowners to have their property removed by June 1. If not removed, we will file an injunction in Dodge County District court.

#### 6.B.3.g. Clear Creek Levee Inspection

Miyoshi and Heimann attended a final inspection with the Corps of Engineers on the Clear Creek Levee on May 19th. The Corps is about to turn the project over with a letter and the future O & M Manual. The only deficiencies noticed during the inspection were low spots where two trees were grubbed out and the segment of levee along the MUD well fields is deficient of rock and has many potholes. We are asking the Corps to back fill the low spots and add a layer of rock to the top of the levee.

### 6.B.4. ROCK AND JETTY

We have not heard if the project on Kay Poppe's property has been completed.

### 6.B.5. EROSION & SEDIMENT RULES & REGULATIONS

### 6.B.6. INFORMATION AND EDUCATION

#### 6.B.6.a. Information

##### 6.B.6.a.1. Radio & eAds

The Wahoo Newspaper eAd and KTIC radio ad for June will feature the importance of having valid permits to chemigate.

##### 6.B.6.a.2. Recognition Banquet

The Recognition Banquet will be held Sunday, June 4<sup>th</sup> at Czechland Lake Recreation Area. Social hour will begin at 5 pm, dinner at 6 pm, followed by awards at 7 pm. Please RSVP to Desirae by Friday, June 2<sup>nd</sup>.

#### 6.B.6.b. Education

##### 6.B.6.b.1. Fertig Prairie

The Wachiska Audubon Society sent a letter to the LPNNRD stating that they have been awarded a grant from NET for one half of the acquisition cost. Three partners, including the LPNNRD, have previously pledged \$8,839.50 each towards the project. The Wachiska Audubon Society needs approximately \$26,481.50 to complete the purchase, so they would like to postpone the actual closing for several more weeks. The letter from the Wachiska Audubon Society is attached.

On the day of the committee meeting (5/31), a letter was received from the Wachiska Audubon Society stating that they have succeeded in obtaining the funds needed to purchase the prairie. They are ready to complete the purchase of the Fertig Prairie and are requesting funding payments from pledges. The letter is attached.

A motion is needed at the board meeting to make the payment of \$8,839.50 to the Wachiska Audubon Society for the Lower Platte North NRD's pledged support for the Fertig Prairie Purchase.

#### 6.B.6.c. Computer

### 6.B.7. RURAL WATER SYSTEMS

#### 6.B.7.a. Colon System

Nick Chadwell, new Colon rural customer, has moved in and is a new customer on the Colon Line. As per our contract with the city of Wahoo, a new meter payment of \$ 575.00 (1" connection) is now due.

Meters were read and bills have been sent out for Colon line. Required samples have been taken and submitted to the State.

Lead and Copper samples have also been collected and submitted to the State for testing.

#### 6.B.7.b. Bruno System

Meters were read and bills have been sent out for Bruno line. Required samples have been taken and submitted to the State.

In February 2010, in order to collect information on serious intent, the board approved collecting \$ 100.00 deposit from all individuals showing interest into connecting to the Bruno Rural Water line. At this time there are no short or long term plans to extend the existing line, so I am preparing to return all deposit money. Names and all information gathered will be kept on file in the event extensions are once again considered.

Stephen Thompson

Martha Sabata

Dorothy Pokorny

James Schneider

Mark Bohaty

William Veach

Martha Sturtevant

Daniel Chapek

Estella Miratsky  
James Miratsky  
Rich & Mary Kubik  
Michael Kadlec  
Larry Behne  
Adam Birkel  
James Anderson  
Sue Hrnicek  
Dan Engel

6.B.7.c. Other

6.C. Water Committee - Action as Required

6.C.1. UNFINISHED BUSINESS

At the May 8, 2017, Board Meeting, the following motion to table was passed by all present:

**A motion by Dave Saalfeld and second by Jim McDermott to table until budgeting time, budgeting \$20,000 for the development of an aquifer risk map for FY17-18 and continue discussion on development of the interactive mapping tool, with cost estimates presented in the budget for committee review**

At the May 8, 2017, Board Meeting, the following motion to table was passed by all present:

**Ruzicka make the motion, seconded by Clausen, to table the LPRCA Interlocal Agreement until next meeting.** Dave Potter has been invited to attend the Projects Committee Meeting and Board Meeting.

6.C.2. REGULATORY

6.C.2.a. ITEMS FOR WATER COMMITTEE

6.C.2.b. GROUND WATER MANAGEMENT AREA

6.C.2.b.1. Irrigated Acres for 2016 in the HCA and NHCA

No new activity to report

6.C.2.b.2. Variance Request in the Hydrologically Connected Area (Limited Development Area)

No new activity to report

6.C.2.b.3. Variance Requests in the Non-Hydrologically Connected Area (Normal Development Area)

No new activity to report

6.C.2.b.4. Variance Requests in the Restricted Development Areas

No new activity to report

6.C.2.b.5. Well Permit Program

No new activity to report

6.C.2.b.5.A. Well Permits Approved

Wells Permits Approved: 0

The total number of approved permits for 2017 is 11

Location of Approved Well Permits for 2017: Correct as of 5/31/2017

<b>County</b>	<b>Irrigation - New</b>	<b>Irrigation - Replacement</b>	<b>Stock</b>	<b>Commercial</b>	<b>Municipal</b>	<b>Other</b>	<b>Total</b>
<b>Butler</b>	2	1	0	0	0	0	3
<b>Colfax</b>	0	0	0	0	0	0	0
<b>Dodge</b>	0	0	0	0	0	1	1
<b>Boone</b>	0	0	0	0	0	0	0
<b>Madison</b>	0	0	0	0	0	0	0
<b>Platte</b>	2	0	0	0	0	0	2
<b>Saunders</b>	5	0	0	0	0	0	5
<b>Total</b>	9	1	0	0	0	1	11

6.C.2.b.6. Irrigation Runoff Complaint

No new activity to report

6.C.2.b.7. Well Interference Complaints

No new activity to report

#### 6.C.2.b.8. Potential Violation of Expanded Irrigation

No new activity to report

#### 6.C.2.b.9. Special Quantity Subareas

Terry Lutjens has installed all of the required water flow meters on his irrigation wells. Staff inspected and certified the meters on Thursday, May 25. Tri City Meter will be going to all the recently installed sites and put a seal on them.

##### 6.C.2.b.9.A. LPNNRD SQS Operator Certification Classes

No new activity to report

#### 6.C.2.b.10. Lower Platte River Basin Water Management Plan Coalition (LPRBC)

No new activity to report

#### 6.C.2.b.11. Cost Share Programs

##### 6.C.2.b.11.A. Irrigation Well Sample Kits

No new activity to report

##### 6.C.2.b.11.B. Nebraska Agricultural Water Management Network (NAWMN)

No new activity to report

##### 6.C.2.b.11.C. Flow Meter Maintenance Program

Received invoices from Tri City Meters for 6 producers who's flow meters needed additional repair. The NRD will be sending out invoices to the producers for reimbursement. The total of all the invoices that will be reimbursed is \$1480.81.

##### 6.C.2.b.11.D. Flow Meter Cost Share in SQS #2

No new activity to report

###### 6.C.2.b.11.D.1. Flow Meter Cost Share in SQS #2

At the November 30, 2016 Water Committee, a motion was made to fund GWEL cooperator wells at \$1,000 per 8 inch meters (\$770 from WSF and \$230 from LPNNRD = \$1,000) and at \$749 per 6 inch meters (\$577 from WSF and \$172 from LPNNRD = \$749)

As of May 23, 2017 we have received a total of 176 applications. Only 5 of these still need to be inspected to insure that the meter is installed properly.

The LPNNRD has received no flow meter cost-share applications since the last Water Committee meeting.

Water Sustainability Fund (WSF)	
8 inch meters	0 x 8" meters or 0 x \$770 = \$0
6 inch meters	0 x 6" meters or 0 x \$577 = \$0
WSF Total	\$0
	So Running Total = \$132,432
	So Running Total WSF Grant = \$79,459 of \$200,000 grant
	So Remaining Total of WSF Grant = \$120,541
	So LPN 40% Share = \$52,973

LPNNRD For GWEL Cooperators	
8 inch meter	0 x 8" meters or 1 x \$230 = \$0
6 inch meter	0 x 6" meters or 0 x \$172 = \$0
Carry over (8 inch meter)	0 x 8" meter or 0 x \$230= \$0
LPNNRD Total	\$0

Total For Flow Meter Cost Share Program	
WSF & LPNNRD	For approval at May 8, 2017 Board Meeting = \$0

#### 6.C.2.b.12. Bellwood Phase 2 Area

No new activity to report

2016 is the fourteenth year for this Phase 2 Area. Phase 2 information packets with order were mailed to producers in June, before the start of irrigation. This area was reduced from 32 sections to 21 sections in 2015.

Year	Nitrate-Nitrogen Range	Percent Nitrate-Nitrogen 0 To 8.0 Ppm	Percent Nitrate-Nitrogen 8.01 To 10.00 Ppm	Percent Nitrate-Nitrogen Greater Than 10 Ppm
2015	0 to 32.3 ppm	43% (31 of 72)	8% (6 of 72)	49% (35 of 72)
2016	0 to 35.1 ppm	37% (25 of 68)	12% (8 of 68)	51% (35 of 68)

Hough Farms water sample of G-065461 collected in August had a **93.6 ppm** result for G-065461. After talking with Tommy Hough it was determined that this sample was collected while they were chemigating at this well. Oaklund arranged with Tommy Hough to re-sample this well. The result of the second sample was 13.6 ppm, which is within the range of previous sample results (3.70 to 18.5 ppm). *[Note: The 93.6 result was removed from the above table.]*

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#### 6.C.2.b.13. Richland - Schuyler Phase 2 Area

Year	Nitrate-Nitrogen Range	Percent Nitrate-Nitrogen 0 To 8.0 Ppm	Percent Nitrate-Nitrogen 8.01 To 10.00 Ppm	Percent Nitrate-Nitrogen Greater Than 10 Ppm

No new activity to report

#### 6.C.2.b.14. Richland - Schuyler Phase 3 Area

No new activity to report

Year	Nitrate-Nitrogen Range	Percent Nitrate-Nitrogen 0 To 8.0 Ppm	Percent Nitrate-Nitrogen 8.01 To 10.00 Ppm	Percent Nitrate-Nitrogen Greater Than 10 Ppm

6.C.2.b.15. LPNNRD Operator Certification

No new activity to report

6.C.2.b.15.A. LPNNRD Operator Certification Classes

Cert. Number	Cert. Date	Name	Re-Cert.	Comments

6.C.2.b.16. Certifying Acres in Saunders and Dodge Counties

6.C.2.c. CHEMIGATION

For 2017 we have 443 renewals and 25 new permit applications for a current total of 453. Inspections for 0 renewal permits and 3 new permits have been completed. Deadline for Chemigation Renewals is June 1.

The breakdown by County for the Total Number of Renewals within the LPNNRD.

County	Number of Renewals
Boone	49
Butler	42
Colfax	30
Dodge	73
Madison	6
Platte	85
Saunders	158

The breakdown by county of the number of renewal inspections completed.

County	Number of Renewal Inspections Completed
Boone	

Butler	
Colfax	
Dodge	
Madison	
Platte	
Saunders	

The breakdown, by county for the ## new chemigation permit applications, are listed below:

County	New Chemigation Applications
Boone	3
Butler	2
Colfax	1
Dodge	2
Madison	0
Platte	6
Saunders	11

#### 6.C.2.d. LIVESTOCK WASTE PERMITS

The LPNNRD has received #2 livestock permit applications from DEQ since the last Water Committee meeting. Both of these sites are located southeast of Bruno in SQS #1. These are wean-to-finish facility with the plan to double the number of weaned pigs. Current livestock wells are registered at 9 and 20 GPM.

Name	Livestock	Type of Permit	Legal Description	County
Wilke Farms	Swine	Major Modification	SW¼ NW¼ 26-15N-04E	Butler
Wilke Farms	Swine	Major Modification	SE¼ NE¼ 22-15N-04E	Butler

6.C.2.e. GROUNDWATER RULES AND REGULATIONS

Questions involving the Groundwater Rules and Regulation:

1. Require all flow meter for agricultural use to be Acre-Inch?
2. Do you want to allow time totalizers for water use?
3. Should we put the 27 inch rolling allocation in the acre inch allocation? Adjust every 3 years instead of yearly?
4. Hydrologically Connected Areas has been allowing 2500 acres per year since 2009. Is this the correct number as the quality of variance applications have dwindled. 400 acres would still allow swing arm pivots or tracts that have change hands.
5. Allowing up to 400 acres within 1 mile of a Restricted Areas?
6. Non-Hydrologically Areas?
7. Variance "conditional permit" correct? Right criteria? Minimum requirements or points?
8. Supplemental wells rules? Minimum pumping requirement like 200 - 300 GPM? Longer pump tests like 12 or 24 hours compare to 4 hours?
9. Water Banking or Transfers? IMP will be using Acre Feet as a criteria for stream depletion.
10. Add another Level or Phase rule?
11. Other items?

These are just discussion items to add, subtract or do nothing to the Rules and Regulations.

6.C.3. GROUND WATER PROGRAMS

6.C.3.a. DECOMMISSIONED WELL PROGRAM

6.C.3.a.1. Well Estimates

# new wells has been reviewed and approved by Gottschalk for decommissioning since the last Committee meeting.

Well Owner	Type of Well	Cost Share Estimate	County

### 6.C.3.a.2. Plugged Wells

# wells have been plugged, reviewed, and ready for cost share payment approval this month.

Well Owner	Type of Well	Cost Share Estimate	County

### 6.C.3.b. LOWER PLATTE NORTH NRD GROUND WATER STUDIES

#### 6.C.3.b.1. Elkhorn Loup Model (ELM)

A conference call was held with USGS on the updated model of the ELM project. The group discussed the graphics, tables and figures within the report. Feedback on the model was due May 26 so a final report can be produced.

Attached is the boundary map and an additional map showing Shell Creek added to the model.

#### 6.C.3.b.2. Eastern Nebraska Water Resources Assessment (ENWRA)

Katie will be at the Committee Meeting for an update.

#### 6.C.3.b.3. Platte and Elkhorn River Valley Integrated Water Monitoring

#### 6.C.3.b.4. Lower Platte River Consortium

A meeting was held with Consortium members and followed by a workshop held with staff, which Larry Angle participated as a consultant. HDR and Flatwater group have developed a worksheet to calculate the water flow on the Platte and Elkhorn rivers. This worksheet takes in consideration leaching, evaporation and withdraws. What the worksheet can show, if 500 CFS is added to the river at North Bend how much of the water will potentially reach Ashland. It can also be used as a predictive tools on short and long term basis for water flow. It was discussed what the benefit to river flow would occur if surface water withdraws were limited. Discussion also involved how much surface water would flow by managing groundwater wells. The spreadsheet could not answer these questions but something that will be considered. Working with groundwater might need to include a water model in conjunction with the spreadsheet.

The workshop discussed potential projects and locations on supplementing water flow when necessary in the Platte and Elkhorn Basins. Naturally the closer to Ashland the

projects can be, more benefit will be seen. It was suggested to look at the cleanup water from the former Ordinance Plant near Mead as a potential water source. Other suggestions looked at potential impound structures within both Basins.

A couple more workshops are planned in the next couple of months in which Board members will be invited to participate in the process.

Attached are options on paying the invoice for the Drought Contingency Plan Funding. This item was in FY16-17 budget for \$14,850 per year. Both grants came through, so the amount has been reduced from the original match requirement. The total is \$26,000 in which \$13,000 can be paid in each fiscal year.

#### 6.C.3.c. NEW MONITORING WELLS

Katie Cameron will be making a presentation on the proposed monitoring wells that was discussed at the last Water Committee. She will explain the purpose and value of installing wells in certain locations. This will give the Committee an opportunity to ask questions and any other concerns as this is a budget item for FY17-18.

#### 6.C.3.d. GROUND WATER ENERGY LEVELS

No new activity to report

#### 6.C.3.e. GROUND WATER QUALITY SAMPLING

No new activity to report

#### 6.C.3.f. FORMER ORDINANCE PLANT NEAR MEAD

Annual Tour is May 24 at 5 pm with information attached.

### 6.C.4. SURFACE WATER PROGRAMS

#### 6.C.4.a. STATE LAKES, FOR THE WEEK OF

#### **Week of May 22<sup>th</sup>, 2017**

**No lakes from Lower Platte North are on this list.**

**Zero lakes were impaired for harmful algal blooms**, as none of the beaches sampled were beyond the limit of 20ppb for microcystin.

There are quite a few new lakes on health alert for bacteria, exceeding the limit of 235 cells/100ml of lake water.

	Lake Name	Lake #	County	Last Updated	Current algae	Algal Health Alert?	E.coli Bacteria
	<a href="#">Big Indian Lake (11A)</a>	2	Gage	5/25/17	0.19	No	1119.9
	<a href="#">Bluestem Lake</a>	3	Lancaster	5/25/17	0	No	2755
	<a href="#">Cub Creek Lake</a>	11	Jefferson	5/25/17	0	No	1986.3

	Lake Name	Lake #	County	Last Updated	Current algae	Algal Health Alert?	E.coli Bacteria
	<a href="#">Iron Horse Trail Lake (WMA)</a>	47	Pawnee County	5/18/17	0	No	816
	<a href="#">Kirkman's Cove Lake</a>	21	Richardson	5/25/17	0	No	17329
	<a href="#">Lake North</a>	22	Platte	5/25/17	0	No	687
	<a href="#">Lewis and Clark Reservoir</a>	23	Knox	5/18/17	0.2	No	553
	<a href="#">Lone Star Reservoir</a>	24	Fillmore	5/25/17	0	No	1119.9
	<a href="#">Pawnee Lake</a>	34a	Lancaster	5/25/17	3.53	No	410.6
	<a href="#">Rockford Lake (SRA)</a>	36	Gage	5/25/17	0.19	No	272.3
	<a href="#">Swan Creek Lake (5A)</a>	39	Saline	5/25/17	0.22	No	547.5
	<a href="#">Wagon Train Lake</a>	44	Lancaster	5/25/17	0	No	547.5
	<a href="#">Wirth Brothers Lake (Site 27)</a>	46	Johnson	5/25/17	0	No	1553

This information is updated weekly on our web site, <http://deq.ne.gov/NDEOProg.nsf/Beaches2017.xsp>. We hope you find this interesting and useful.

#### 6.C.4.b. USGS WATER QUALITY MONITORING ON SHELL CREEK

#### 6.C.5. OTHER

##### 6.C.5.a. CMAT Conjunctive Management Analysis Tool

Bob Gregalunas and Mike Sotak will be at the Committee Meeting to discuss the Analysis Tool. This will give the Committee a chance to learn how the process will function and how staff can use it to obtain potential answers on ground and surface water questions.

This will be a budget item for the Committee to consider.

##### 6.C.5.b. Master Database and Monitoring Equipment

Neal Johnson from the Phoenix Group will be providing information on equipment and installation costs for monitoring irrigation wells which has PVC pipe within the well column. This information can be used in the SQS areas on monitoring water levels throughout the year. Staff could use this information as a predictive tools during the pumping seasons to determine when the well's cone of depression seems to be concerning or potential interference. The rules at this time requires wells to be measured during the

spring, summer and fall. Measuring these wells manually could be reactive and not proactive, as this takes staff time along with the travel time to these areas.

#### 6.C.5.c. LPNNRD WATER PROGRAMS BUDGET FY17-18

Attached is a proposed budget for FY17-18. At the last Water Committee, the Committee agreed to participate in a WSF grant for future AEM flights. The flights and processing of the data would be in 2018 - 19. Under the GW Projects Sinking Fund a sum of \$100,000 was included to spread the cost out over 2 - 3 fiscal years. A 40 percent match on a 750,000 grant would be \$300,000.

Water Department Staff Priority List:

1. Mobile Application and Field Data Collection (Master Database)
2. AEM Flights
3. Monitoring Wells and Test Holes
4. Monitoring Equipment for Wells in SQS #2
5. CMAT plus water tools and/or Hydrological Risk Map
6. GW Elevations WANN subarea

#### 6.C.5.d. GMDA SUMMER CONFERENCE

Attached is a report on the GMDA summer conference and a flyer promoting the winter conference, which will be held in Baton Rouge, LA in mid-January.

#### 6.C.5.e. COMMENTS FROM THE PUBLIC

### 6.D. Projects Committee - Action as Required

#### 6.D.1. UNFINISHED BUSINESS

At the May 8, 2017, Board Meeting, the following motion to table was passed by all present:

**Ruzicka make the motion, seconded by Clausen, to table the LPRCA Interlocal Agreement until next month and ask Dave Potter to be at Committee and Board Meeting.**

Dave Potter attend the Projects Committee Meeting and will be at the June 12th Board Meeting.

#### 6.D.2. SWCP

Gottschalk reviewed the attached SWCP status report with the committee.

##### 6.D.2.a. SWCP Application Approvals

##### Mike Chvatal small dam project:

Mr. Chvatal was in attendance to discuss a revised construction estimate he has received from Lierman Excavating Co. for his proposed dam project. We would like input from the committee regarding the new estimate and whether additional cost share funds would be available, over and above the \$ 16,742.31 currently approved for the project. There was much committee discussion about the merits of putting additional funding into this project. The committee was reminded that the Chvatal project is above

Cottonwood Creek Flood Reduction Dam 21-A, and would help trap silt and nutrients from ending up in that structure. A question was asked if grant funds would be available to assist with the Chvatal project and Mountford will ask NDEQ if that is a possibility.

6.D.2.b. SWCP Payments

16-P-13	Dayle Alswager	\$ 1,000.00	Emergency Terrace Repair
16-B-5	Kirk Marushak	<u>\$ 5,927.76</u>	Basins/Tile

**TOTAL: \$ 6,927.76**

6.D.2.c. SWCP Cancellations

None presented at this time but it is anticipated that there will be some by the June Board meeting.

6.D.2.d. Wahoo Creek Cost Share Approvals

None at this time.

6.D.3. WATERSHEDS

6.D.3.a. Shell Creek

6.D.3.a.1. Shell Creek Environmental Enhancement Plan Implementation

NDEQ has verbally approved \$300,000 of EPA 319 funds for completing designed Shell Creek bank stabilization projects in 2017 & 2018. Our required local match of \$200,000 will come from \$145,000 from the Nebraska Environmental Trust and the balance from the Bailey channel improvement project. Upon receiving a formal approved agreement from NDEQ, we will be advertising for bids on the Kramer Shell Creek Bank Stabilization project.

6.D.3.b. Wahoo Creek Watershed

6.D.3.b.1. Wahoo Creek RCPP Update

We continue working with NRCS on an eventual RCPP agreement for completing Wahoo Creek Dam Sites 26 and 27.

FYRA has submitted a \$23,632.01 invoice as attached for completed contact work to update the watershed plan requirements for these sites and work on our Water Sustainability Fund application. This is the first billing under our \$135,790 contract leaving \$112,157.99 after payment. Since this work falls under an approved contract, no motion for payment is needed.

6.D.3.b.2. Wahoo Creek Watershed Water Quality Plan Phase II

As reported last month, NDEQ has verbally approved our Project Implementation Plan for Wahoo Creek's next phase. We anticipate having the funding agreement available

by the June Board Meeting. Saunders County has been preparing a list of priority bridge replacement locations with road dams and will be contacting engineering firms for bids to design a group of structures.

#### 6.D.4. LOWER PLATTE RIVER CORRIDOR ALLIANCE

##### 6.D.4.a. LPRCA Monthly Report

The May 25 LPRCA quarterly meeting agenda, as attached, included review of the draft FY2018 proposed budget, Watershed Water Quality Plan, and Watershed Restoration Study. Dave Potter, LPSNRD Assistant General Manager will be present to review the agreement and proposed budget items.

##### 6.D.4.b. LPRCA Draft Interlocal Agreement

LPSNRD Assistant General Manager Dave Potter was present to review the attached LPRCA draft Interlocal Agreement for committee approval consideration. At the May Board Meeting, this item was not voted on until more Board members could be present. This draft outlines how LPSNRD, PMRNRD and LPNNRD would continue to work together as the primary local LPRCA partners. This agreement identifies details on how each NRD will be actively involved in providing direction and funding to the Alliance. Each NRD will be in control of what projects and programs that they want or do not want to participate in. The committee recommended that the tabled May 8, 2017, Board motion to consider approval of the draft Interlocal Agreement be brought off the table for Board consideration.

##### 6.D.4.c. LPRCA Planning Retreat Information

Attached is JEO's summary of the February 24, 2017, LPRCA planning retreat at Camp Ashland. Also included are minutes and notes from the quarterly meeting that was held in conjunction with the retreat.

#### 6.D.5. OTHER

##### 6.D.5.a. Platte Center Request for Elm Creek Bank Stabilization Project Assistance

LPNNRD has been assisting Platte Center over the years on stabilizing Elm Creek that cuts through the middle of the village. The village is ready to move into the next project phase to be completed in the fall of 2017 as attached. The estimated cost for reshaping and stabilizing the bank on the south side of main street to the first bank curve is \$23,825.20. We have been approving 50% cost-share so our requested assistance would be \$11,912.60. If approved, we would carry over \$2,580 of their unused FY 2017 project funds and add an additional \$9,332.60 for a total FY 2018 budget amount of \$11,912.60. Mark Borchers with Platte Center was present to discuss the proposed project.

##### 6.D.5.b. Army COE Projects

This agenda heading will be handled by the O, E & RW Committee in the future.

#### 6.D.5.b.1. Fremont GI Study

The update on the progress of the GI Study is outlined in the O, E, & RW Committee Minutes. Future agenda items for Fremont GI will be transferred entirely to that committee in the future.

#### 6.D.5.b.2. Schuyler 205

Now that the Shell Creek Levee portion of the Schuyler 205 project is complete, future topics regarding the project's operation and maintenance will be handled by the O, E & RW committee.

##### 6.D.5.b.2.A. Schuyler Shell Creek Levee Annual Payment Request

Attached is the City of Schuyler's annual assistance request for \$125,000. After this payment, LPNNRD will have contributed \$500,000 toward the completion of the Shell Creek Levee portion of the 205 effort. There will be one remaining assistance request to reach \$600,000 that the Board previously indicated as the maximum amount to be applied toward the Shell Creek Project efforts (not including study assistance).

##### 6.D.5.b.2.B. Shell Creek Levee Operation and Maintenance Interlocal Agreement with City of Schuyler

Attached is the signed Operation and Maintenance Interlocal Agreement with the City of Schuyler outlining LPNNRD's intended future assistance payments for the completed Shell Creek Levee and Schuyler's responsibility for providing the local operation and maintenance needs for the levee.

#### 6.D.5.c. Shell Creek Landowner Levee Project Update

#### 6.D.5.d. First Draft FY 2018 Projects Budget

An early version of the FY 2017 Projects Committee Budget will be reviewed.

#### 6.D.5.e. Sand Creek Annual Loan Payment and Semi-Annual Interest Payment to Union Bank

The committee is asked to approve our Sand Creek Annual Loan Payment of \$412,925 and the Semi-Annual Interest Payment on that note to Union Bank.

#### 6.D.5.f. Hazard Mitigation Plan Update - FEMA Grant Application

As many of you recall, LPNNRD has been involving with leading a District-wide Hazard Mitigation Plan for our communities and three of our counties. While we are really a year away from needing to start the plan update process, JEO has learned that while there is upcoming grant money available to update plans this next fiscal year, there may not be in a year from now. What JEO is suggesting is that we apply for 75% assistance now to begin our HMP update process in Fiscal year 2019. As part of our application, there may

be an opportunity to also apply for non-structural flood protection measures for interested communities at the same time (i.e. Fremont, Schuyler). JEO will be talking with Fremont and Schuyler before the next Projects Committee Meeting and will know how interested these communities are with moving toward a non-structural flood prevention approach. At that time, we will ask to possibly move forward with applying for FEMA grant funding to update our HMP plan in FY 2019 and potentially cooperate with Fremont, Schuyler or another committee on non-structural flood damage protection.

6.D.6. WESTERN SARPY/CLEAR CREEK LEVEE REPORT

No new information was presented.

7. Additional Action Items

7.A. NSWCP Payments

16-D-3	Vering Feedyard, LLC	\$12,500.00	Terraces/Tile/Basins
16-B-6	Bonita Jisa	<u>\$ 8,906.55</u>	Terraces/Tile
		\$21,406.55	

7.B. SWCP Cancellations

16-S-4	Paseka Family Rev. Tr.	\$1,748.25	Terraces/Tile
16-B-7	Laverne Kucera	\$12,500.00	Terraces/Tile
16-C-12	Larry Muhle	<u>\$1,000.00</u>	Emergency Terrance Repair
		\$15,248.25	

7.C. Keep Fremont Beautiful Annual Contribution

We recently received our annual contribution from Keep Fremont Beautiful. Director Cathi Sampson has requested that we consider increasing our contribution from \$250 to \$500 per year.

Cathi’s comments: Thank you so much for your quick response and willingness to support our efforts. We are facing significant budget cuts due to the state’s decision to pull funds from NDEQ - which happens to be our primary funding source. KFB has always been a good steward of our funds and we are making plans to cut our personnel expenses as well as increase our local contributions/donations. Please give thoughtful consideration to increasing your partnership level to the \$500.00 Sustaining Partner as this would be a great source of local support.

A motion would be needed to increase our contribution to \$500. If there is no motion we would continue at our current \$250 per year rate.

8. Approval of Bills Pending

9. Consent Agenda Adoption

10. Comments from Directors/Guests

11. Meeting Establishment/Adjournment

**NOTE: The agenda is on file at the LPNNRD office and may be changed up to 24 hours prior to the meeting as scheduled.**